

## **RECEIVED**

## SEQUENCE LISTING

FEB 2 7 2002

**TECH CENTER 1600/2900** 

<110> WOLFF, JON SOKOLOFF, ALEXANDER

<120> PROCESS FOR UTILIZING EPITOPES RECOGNIZED BY NATURAL ANT IBODIES

<130> MIRUS.014.02

<140> 09/559021

<141> 2000-04-27

<160> 125

<170> PatentIn version 3.1

<210> 1

<211> 11

<212> PRT

<213> Bacteriophage T7

<400> 1

Phe Gln Ser Gly Val Met Leu Gly Asp Pro Asn 1  $\phantom{000}5\phantom{000}$ 

<210> 2

<211> 27

<212> PRT

<213> Bacteriophage T7

<400> 2

Phe Gln Ser Gly Val Met Leu Gly Asp Pro Asn Ser Asp Gly Ala Leu

1 5 10 15

Arg Gln Ser Gly Arg Gly Lys Ser Ser Arg Pro 20 25

<210> 3

<211> 23

<212> PRT

<213> Bacteriophage T7

<400> 3

Phe Gln Ser Gly Val Met Leu Gly Asp Pro Asn Ser Ser Ser Val Asp

1 10 15

Lys Leu Ala Ala Leu Glu 20

<210> 4

<211> 8

<212> PRT

<213> Bacteriophage T7

<400> 4

Ala Ala Gly Ala Val Val Phe Gln 1 5

<210> 5

<211> 343

<212> PRT

<213> Bacteriophage T7

<400> 5

Met Ala Ser Met Thr Gly Gly Gln Gln Met Gly Thr Asn Gln Gly Lys

1 10 15

Gly Val Val Ala Ala Gly Asp Lys Leu Ala Leu Phe Leu Lys Val Phe
20 25 30

Gly Gly Glu Val Leu Thr Ala Phe Ala Arg Thr Ser Val Thr Thr Ser

35 40 45

Arg His Met Val Arg Ser Ile Ser Ser Gly Lys Ser Ala Gln Phe Pro 50 55 60

Val Leu Gly Arg Thr Gln Ala Ala Tyr Leu Ala Pro Gly Glu Asn Leu

70 75 80

Asp Asp Lys Arg Lys Asp Ile Lys His Thr Glu Lys Val Ile Thr Ile

85 90 95

Asp Gly Leu Leu Thr Ala Asp Val Leu Ile Tyr Asp Ile Glu Asp Ala

100 105 110

Met Asn His Tyr Asp Val Arg Ser Glu Tyr Thr Ser Gln Leu Gly Glu
115 120 125

Ser Leu Ala Met Ala Ala Asp Gly Ala Val Leu Ala Glu Ile Ala Gly
130 135 140

Leu Cys Asn Val Glu Ser Lys Tyr Asn Glu Asn Ile Glu Gly Leu Gly
145 150 155 160

Thr Ala Thr Val Ile Glu Thr Thr Gln Asn Lys Ala Ala Leu Thr Asp

165 170 175

Gln Val Ala Leu Gly Lys Glu Ile Ile Ala Ala Leu Thr Lys Ala Arg 180 185 190

Ala Ala Leu Thr Lys Asn Tyr Val Pro Ala Ala Asp Arg Val Phe Tyr

195 200 205

Cys Asp Pro Asp Ser Tyr Ser Ala Ile Leu Ala Ala Leu Met Pro Asn 210 215 220

Ala Ala Asn Tyr Ala Ala Leu Ile Asp Pro Glu Lys Gly Ser Ile Arg
225 230 235 240

Asn Val Met Gly Phe Glu Val Val Glu Val Pro His Leu Thr Ala Gly
245 250 255

Gly Ala Gly Thr Ala Arg Glu Gly Thr Thr Gly Gln Lys His Val Phe
260 265 270

Pro Ala Asn Lys Gly Glu Gly Asn Val Lys Val Ala Lys Asp Asn Val
275 280 285

Ile Gly Leu Phe Met His Arg Ser Ala Val Gly Thr Val Lys Leu Arg
290 295 300

Asp Leu Ala Leu Glu Arg Ala Arg Arg Ala Asn Phe Gln Ala Asp Gln 305 310 315 320

Ile Ile Ala Lys Tyr Ala Met Gly His Gly Gly Leu Arg Pro Glu Ala
325 330 335

Ala Gly Ala Val Val Phe Gln 340

```
<210>
       6
<211>
       9
<212>
       PRT
<213>
       Bacteriophage T7
<400>
       6
Ala Ala Gly Ala Val Val Phe Gln Ser
<210>
       7
<211>
       10
<212>
       PRT
<213>
       Bacteriophage T7
<400>
       7
Ala Ala Gly Ala Val Val Phe Ser Gln Val
                                      10
                 5
<210>
       8
<211>
       9
<212>
       PRT
<213>
       Bacteriophage T7
<400>
Glu Ala Ala Gly Ala Val Val Phe Gln
       9
<210>
       13
<211>
<212>
       PRT
<213>
       phage SV40
<400>
       9
Cys Gly Tyr Gly Pro Lys Lys Arg Lys Val Gly Gly
                                       10
<210>
       10
<211>
       39
<212>
       PRT
       phage SV40
<213>
<400>
       10
```

Cys Lys Lys Ser Ser Ser Asp Asp Glu Ala Thr Ala Asp Ser Gln

1 5 10 15

His Ser Thr Pro Pro Lys Lys Lys Arg Lys Val Glu Asp Pro Lys Asp
20 25 30

Phe Pro Ser Glu Leu Leu Ser 35



- <210> 11
- <211> 38
- <212> PRT
- <213> phage SV40

<400> 11

Cys Lys Lys Trp Asp Asp Glu Ala Thr Ala Asp Ser Gln His

1 10 15

Ser Thr Pro Pro Lys Lys Lys Arg Lys Val Glu Asp Pro Lys Asp Phe
20 25 30

Pro Ser Glu Leu Leu Ser 35

- <210> 12
- <211> 32
- <212> PRT
- <213> M9 Protein

<400> 12

Cys Tyr Asn Asp Phe Gly Asn Tyr Asn Asn Gln Ser Ser Asn Phe Gly

1 10 15

Pro Met Lys Gln Gly Gly Asn Phe Gly Gly Arg Ser Ser Gly Pro Tyr
20 25 30

<210> 13

<211> 10

<212> PRT

<213> E1A Adenovirus

<400> 13

Cys Lys Arg Gly Pro Lys Arg Pro Arg Pro 1 5 10

<210> 14

<211> 22

<212> PRT

<213> Nucleoplasmin

<400> 14

Cys Lys Lys Ala Val Lys Arg Pro Ala Ala Thr Lys Lys Ala Gly Gln

1 5 10 15

Ala Lys Lys Lys Leu 20

<210> 15

<211> 14

<212> PRT

<213> c-myc

<400> 15

Cys Lys Lys Gly Pro Ala Ala Lys Arg Val Lys Leu Asp 1 5 10

<210> 16

<211> 4

<212> PRT

<213> Bacteriophage T7

<400> 16

```
Phe Ser Gln Val
<210>
       17
<211>
       4
<212>
       PRT
<213>
       endoplasmic reticulum proteins
       17
<400>
Lys Asp Glu Leu
<210>
       18
<211>
<212>
       PRT
<213>
       Bacteriophage T7
<400>
       18
Gln Val Thr Lys
<210>
      19
<211>
       8
<212>
       PRT
<213>
       Bacteriophage T7
<400>
      19
Val Val Val Glu Ser Val Pro Lys
                 5
1
<210>
      20
<211>
       6
<212>
       PRT
<213>
       Bacteriophage T7
<400> 20
Ala Arg Pro Val Gln Lys
<210>
       21
<211>
       8
<212>
       PRT
```

```
<213> Bacteriophage T7
<400> 21
Gln Leu Val Arg Val Ile Ser Arg
                5
<210> 22
<211>
<212>
      PRT
<213> Bacteriophage T7
<400>
     22
Gly Arg Leu Lys
<210>
      23
<211>
<212>
      PRT
<213> Bacteriophage T7
<400> 23
Ala Phe Thr Asn Lys
<210> 24
<211>
<212>
      PRT
<213> Bacteriophage T7
<400>
      24
Val Thr Pro Gln Val Lys
<210> 25
<211>
<212>
      PRT
<213> Bacteriophage T7
<400>
      25
Asp Asn Thr Pro Lys Thr Lys
```

```
<210>
       26
<211>
       12
<212>
       PRT
<213>
       Bacteriophage T7
<400>
       26
His Arg Pro Lys Glu Gly Gly Lys Pro Ala Leu Lys
<210>
       27
<211>
       7
<212>
       PRT
<213>
       Bacteriophage T7
<400>
       27
Arg Thr Asn Pro Lys Val Lys
                 5
<210>
       28
<211>
       6
<212>
       PRT
<213>
       Bacteriophage T7
<400>
       28
Thr Thr Arg Thr Pro Lys
<210>
      29
<211>
<212>
       PRT
<213>
       Bacteriophage T7
<400>
       29
Asn Asn Ala Gln Gly Ala Arg Val Lys
<210>
       30
<211>
       5
<212>
       PRT
<213>
       Bacteriophage T7
<400>
       30
Met Ala Thr Val Lys
```

```
5
1
<210>
       31
<211>
       5
<212>
       PRT
<213>
       Bacteriophage T7
<400>
       31
Lys Leu Arg Met Lys
<210>
       32
<211>
       6
<212>
       PRT
<213>
       Bacteriophage T7
<400>
       32
Gly Val Arg Glu Pro Lys
       33
<210>
<211>
<212>
       PRT
<213>
       Bacteriophage T7
<400>
       33
Pro Thr Ile Lys
<210>
       34
<211>
       10
<212>
       PRT
<213>
       Bacteriophage T7
<400>
       34
Ser Arg Ala Ser Val Lys Gly Ser Thr Lys
                                       10
<210>
       35
<211>
       5
<212>
       PRT
<213>
       Bacteriophage T7
```

```
<400> 35
Arg Lys Pro Gln Lys
<210>
       36
<211>
       5
<212>
       PRT
<213>
       Bacteriophage T7
<400>
       36
Lys Val Arg Glu Lys
<210>
       37
<211>
       5
<212>
       PRT
<213>
       Bacteriophage T7
<400> 37
Ala Ser Arg Val Arg
<210>
       38
<211>
<212>
       PRT
<213>
      Bacteriophage T7
<400>
       38
Lys Ser Gly Gly Pro Ala Glu Arg
<210>
       39
<211>
       7
<212>
      PRT
<213>
       Bacteriophage T7
<400>
      39
Arg Arg Arg Asn Phe Glu Arg
                5
<210>
       40
<211>
       13
```

```
<212>
      PRT
       Bacteriophage T7
<213>
<400>
       40
Met Asp Ser Met Ser Asn Thr Pro Asn Gly Ser Glu Arg
<210>
       41
<211>
<212>
       PRT
<213>
       Bacteriophage T7
<400>
       41
Pro Ser Ser Gln Gln Ala Gln Arg
<210>
       42
<211>
       4
<212>
       PRT
<213>
       Bacteriophage T7
<400>
       42
Lys Asn Met Arg
<210>
       43
<211>
       5
<212>
       PRT
<213>
       Bacteriophage T7
<400>
      43
Arg Lys Ser Leu Arg
<210>
       44
<211>
       5
<212>
       PRT
       Bacteriophage T7
<213>
<400>
       44
Ile Glu Phe Ser Gly
```

```
<210>
       45
<211>
       10
<212>
       PRT
<213>
       Bacteriophage T7
<400>
       45
Met Val Leu Pro Phe Gln Gln Thr Val Ala
                 5
                                       10
<210>
       46
<211>
<212>
       PRT
<213>
       Bacteriophage T7
<400>
       46
Gln Ser Ala Asn Ile
<210>
       47
<211>
       4
<212>
       PRT
<213>
       Bacteriophage T7
<400>
       47
Lys Ile Pro Tyr
<210>
       48
<211>
       5
<212>
       PRT
<213>
       Bacteriophage T7
<400>
       48
Leu Pro Ser Gly Gly
                 5
1
<210>
       49
<211>
<212>
       PRT
<213>
       Bacteriophage T7
<400>
       49
```

```
Tyr Asn Ala Lys Thr Asp Arg Gly
<210>
       50
<211>
       9
<212>
       PRT
<213>
       Bacteriophage T7
<400>
       50
Lys Thr Asn Val Glu Lys Gly Pro Met
                 5
<210>
       51
<211>
<212>
       PRT
<213>
       Bacteriophage T7
<400>
       51
Asn Ser Asn Ala Gly Leu Glu Asn His
<210>
       52
<211>
<212>
       PRT
<213>
       Bacteriophage T7
<400>
       52
Met Val Arg Arg Val
<210>
       53
<211>
       6
<212>
       PRT
<213>
       Bacteriophage T7
<400>
       53
Leu Ser Ala Arg Ala Pro
                 5
<210>
       54
<211>
       4
<212>
       PRT
<213>
       Bacteriophage T7
```

```
<400> 54
Arg Ser Tyr Arg
<210>
       55
<211>
       13
<212>
       PRT
<213>
       Bacteriophage T7
<400>
       55
Gln Glu Ser Arg Thr Glu Thr Asp Ser Gln Tyr Leu Ala
                                       10
<210>
       56
<211>
<212>
       PRT
<213>
       Bacteriophage T7
<400>
       56
Gln Gly Asp Tyr Thr
<210>
       57
-<211>
<212>
       PRT
<213>
       Bacteriophage T7
<400>
       57
Met Gln Tyr Ser
<210>
       58
<211>
       5
<212>
       PRT
<213>
       Bacteriophage T7
<400>
       58
Tyr Gly Pro Gln Gln
<210> 59
```

```
<211>
       14
<212>
       PRT
       Bacteriophage T7
<213>
<400>
       59
Gly Lys Gly Lys Thr Asp Asp Pro Arg Tyr Gln Lys Phe Thr
                 5
<210>
       60
<211>
       13
<212>
       PRT
<213>
       Bacteriophage T7
<400>
       60
Ala Ala Thr Gly Ser Asp Gln Gly Leu Asn Lys Ala Tyr
<210>
       61
<211>
       8
<212>
       PRT
<213>
       Bacteriophage T7
<400>
       61
Ala Ala Gly Ala Val Val Phe Gln
                 5
<210>
       62
<211>
       10
<212>
       PRT
<213>
       Bacteriophage T7
<400>
       62
Ala Ala Gly Ala Val Val Phe Lys Val Glu
                 5
                                       10
1
<210>
       63
<211>
       9
<212>
       PRT
<213>
       Bacteriophage T7
<400>
       63
Ala Ala Gly Ala Val Val Phe Gln Ser
```

```
<210>
       64
<211>
       10
<212>
       PRT
<213>
       Bacteriophage T7
<400>
       64
Ala Ala Gly Ala Val Val Phe Ser Gln Val
<210>
       65
<211>
       10
<212>
       PRT
<213>
       Bacteriophage T7
<400>
       65
Ala Ala Gly Ala Val Val Phe Gln Ser Glu
                 5
<210>
       66
<211>
       13
<212>
       PRT
<213>
       Bacteriophage T7
<400>
       66
Ala Ala Gly Ala Val Val Phe Gln Ser Gly Ala Ala Arg
<210>
       67
<211>
       9
<212>
       PRT
<213>
       Bacteriophage T7
<400>
       67
Leu Gly Asp Pro Asn Ser Asp Gly Ala
                 5
<210>
       68
<211>
<212>
       PRT
<213>
       Bacteriophage T7
<400>
       68
```



```
Asp Gly Ala Ile
<210>
       69
<211>
<212>
       PRT
<213>
       Bacteriophage T7
       69
<400>
Asp Gly Ala Ala
<210>
       70
<211>
<212>
       PRT
<213>
       Bacteriophage T7
<400>
       70
Asp Gly Ala Leu Ala Ser
<210>
       71
<211>
       6
<212>
       PRT
<213>
       Bacteriophage T7
<400>
      71
Asp Gly Ala Leu Ser Ser
                 5
<210>
       72
<211>
       5
<212>
       PRT
<213>
       Bacteriophage T7
<400>
      72
Asp Gly Ala Asp Leu
<210>
       73
<211>
       5
```

<212>

PRT

```
<213>
        Bacteriophage T7
 <400>
        73
Asp Gly Ala Asn Leu
                  5
 <210>
        74
 <211>
        PRT
 <212>
 <213>
        Bacteriophage T7
 <400>
        74
 Asp Gly Ala Gly Val Tyr
 <210>
        75
 <211>
        6
 <212>
        PRT
 <213>
        Bacteriophage T7
 <400>
       75
 Asp Gly Ala Leu Val Tyr
        76
. <210>
 <211>
        7
 <212>
        PRT
 <213>
        Bacteriophage T7
 <400>
       76
 Asp Gly Ala Lys Ile Pro Tyr
 <210>
        77
 <211>
        20
 <212>
        PRT
 <213>
        Bacteriophage T7
 <400>
        77
 Asp Gly Ala Val Ala Tyr Pro Pro Met Leu Pro Val Leu His Gly Ser
                                                             15
                  5
                                        10
 1
```

```
Leu Ala Arg Leu
             20
<210>
       78
<211>
       11
<212>
       PRT
<213>
       Bacteriophage T7
<400>
       78
Asp Gly Ala Tyr Asn Ala Lys Thr Asp Arg Gly
                 5
                                       10
       79
<210>
<211>
       6
<212>
       PRT
<213>
       Bacteriophage T7
<400>
       79
Asp Gly Ala Leu Val Tyr
<210>
       80
<211>
       7
<212>
       PRT
       Bacteriophage T7
<213>
<400>
       80
Asp Gly Ala His Ser Ser Ser
                 5
<210>
       81
<211>
       8
<212>
       PRT
       Bacteriophage T7
<213>
<400>
       81
Asp Gly Ala Ser Asn Leu Ser Ser
                 5
<210>
       82
```

<211>

10

15

```
<212>
       PRT
<213>
       Bacteriophage T7
       82
<400>
Asp Gly Ala Ala Arg Asn Thr Leu Ser Ser
<210>
       83
<211>
       15
<212>
       PRT
       Bacteriophage T7
<213>
<400>
       83
Asp Gly Ala Ala Ile Ser Ser Asp Gly Phe Ile Asn Gln Ser Ser
                                       10
<210>
       84
<211>
       6
<212>
       PRT
<213>
       Bacteriophage T7
<400>
       84
Asp Gly Ala Leu Ser Ser
                 5
       85
<210>
<211>
       6
<212>
       PRT
<213>
       Bacteriophage T7
<400>
       85
Asp Gly Ala Leu Ala Ser
<210>
       86
<211>
       5
<212>
       PRT
<213>
       Bacteriophage T7
<400>
       86
```

Asp Gly Ala Trp Ser

```
<210>
       87
<211>
       6
<212>
       PRT
<213>
       Bacteriophage T7
       87
<400>
Asp Gly Ala Asn Ser Pro
                 5
<210>
       88
<211>
<212>
       PRT
       Bacteriophage T7
<213>
<400>
       88
Asp Gly Ala Ser Ser Val
<210>
       89
<211>
       13
<212>
       PRT
<213>
       Bacteriophage T7
<400>
       89
Asp Gly Ala Ser Asp Arg Gly Asn Glu Glu Met Ser Phe
                                       10
<210>
       90
       7
<211>
<212>
       PRT
<213>
       Bacteriophage T7
<400>
       90
Asp Gly Ala Met Ser Pro Leu
<210>
       91
<211>
       13
<212>
       PRT
<213>
       Bacteriophage T7
```

<400>

91

```
Asp Gly Ala Val Pro Ser Val Ser Ser Pro Ser Ile Gly
                                      10
<210>
       92
<211>
       9
<212>
       PRT
<213>
       Bacteriophage T7
<400>
       92
Asp Gly Ala Ser Gly Pro Ser Val Gly
                 5
       93
<210>
<211>
       8
<212>
       PRT
<213>
       Bacteriophage T7
<400>
       93
Asp Gly Ala Thr Thr Ser Leu Gly
                 5
<210>
       94
<211>
       5
<212>
       PRT
<213>
       Bacteriophage T7
      94
<400>
Asp Gly Ser Gln Met
<210>
       95
<211>
       10
<212>
       PRT
       Bacteriophage T7
<213>
<400>
       95
Asp Gly Ala Pro Ser Leu Ser Val Gly Gly
                 5
                                       10
<210>
       96
<211>
       9
<212>
       PRT
<213>
       Bacteriophage T7
```

```
<400> 96
Asp Gly Ala Thr Thr Val Asp Asn Met
       97
<210>
<211>
       12
<212>
       PRT
<213>
       Bacteriophage T7
<400>
       97
Asp Gly Ala Asn Leu Val Ser Gly Thr Arg Leu Asp
<210>
       98
<211>
       5
<212>
       PRT
<213>
       Bacteriophage T7
<400>
       98
Asp Gly Ala Thr Gly
                 5
<210>
       99
<211>
       9
<212>
       PRT
       Bacteriophage T7
<213>
<400>
       99
Asp Gly Ala Thr Thr Gln Thr Ala Tyr
                 5
       100
<210>
<211>
<212>
       PRT
<213>
       Bacteriophage T7
<400>
       100
Asp Gly Ala Ser Asn Leu Pro Leu
      101
<210>
```

```
<211>
       8
       PRT
<212>
<213>
       Bacteriophage T7
<400>
       101
Asp Gly Ala Ala Thr Arg Gly Arg
<210>
       102
<211>
       14
<212>
      PRT
<213>
       Bacteriophage T7
<400>
      102
Asp Gly Ala Ser Lys Lys Thr Val Leu Ala Met Asn Pro Arg
<210>
       103
<211>
       10
<212>
       PRT
       Bacteriophage T7
<213>
<400>
       103
Asp Gly Ala Thr His Gly Ser Glu Val Ala
                 5
                                      10
<210>
       104
<211>
<212>
       PRT
<213>
       Bacteriophage T7
<400>
      104
Asp Gly Ala Val Pro Leu
                 5
       105
<210>
<211>
       5
       PRT
<212>
<213>
       Bacteriophage T7
<400>
       105
Asp Gly Ala Arg Ala
```

```
<210>
       106
<211>
<212>
       PRT
<213>
       Bacteriophage T7
       106
<400>
Asp Gly Ala Met Val Gly
<210>
       107
<211>
       7
<212>
       PRT
<213>
       Bacteriophage T7
<400>
       107
Asp Gly Ala Val Arg Arg Gly
<210>
       108
<211>
<212>
       PRT
<213>
       Bacteriophage T7
<400>
      108
Asp Gly Ala Ala Leu Val Leu
<210>
       109
<211>
       7
<212>
       PRT
<213>
       Bacteriophage T7
<400>
       109
Asp Gly Ala Met Ser Pro Leu
                 5
<210>
       110
<211>
       8
<212>
       PRT
<213>
       Bacteriophage T7
<400>
       110
```

```
Asp Gly Ala Ser Asn Leu Pro Leu
<210> 111
<211>
<212>
      PRT
<213> Bacteriophage T7
<400> 111
Asp Gly Ala Ala Leu Val Leu
<210>
      112
<211>
<212>
      PRT
<213>
      Bacteriophage T7
<400>
       112
Asp Gly Ala Ala Thr Arg Gly Arg
<210> 113
<211>
       7
<212> PRT
<213> Bacteriophage T7
<400>
      113
Asp Gly Ala Val Arg Arg Gly
                5
<210>
       114
<211>
      9
<212>
      PRT
<213>
      Bacteriophage T7
<400> 114
Asp Gly Ala Thr Thr Val Asp Asn Met
<210>
       115
<211>
       9
```

<212> PRT

```
<213>
       Bacteriophage T7
<400>
      115
Asp Gly Ala Thr Thr Gln Thr Ala Tyr
                 5
<210>
       116
<211>
      14
<212>
       PRT
<213>
      Bacteriophage T7
<400>
       116
Asp Gly Ala Ser Lys Lys Thr Val Leu Ala Met Asn Pro Arg
<210>
       117
<211>
       8
<212>
       PRT
<213>
       Bacteriophage T7
<400>
       117
Asp Gly Ala Thr Thr Ser Leu Gly
       118
<210>
<211>
<212>
      PRT
<213>
       Bacteriophage T7
<400>
      118
Asp Gly Ser Gln Met
<210>
       119
<211>
       4
<212>
       PRT
<213>
       Bacteriophage T7
<400>
       119
Phe Ser Gln Val
```



```
<210>
       120
<211>
       11
<212>
       PRT
<213>
       Bacteriophage T7
<400>
       120
Phe Gln Ser Gly Val Met Leu Gly Asp Pro Asn
<210>
       121
<211>
       11
<212>
       PRT
<213>
       Bacteriophage T7
<400>
       121
Ser Ser Val Asp Lys Leu Ala Ala Ala Leu Glu
                 5
                                       10
<210>
       122
<211>
       10
<212>
       PRT
<213>
       Bacteriophage T7
<400>
       122
Gly Ala Val Lys Leu Ala Ala Ala Leu Glu
                                       10
                 5
<210>
       123
       16
<211>
<212>
       DNA
<213>
       OLIGO
<400>
       123
gaattcggac ggtgcc
       16
<210>
       124
<211>
       15
<212>
       DNA
<213>
       OLIGO
<400>
       124
ggggctggaa agctt
       15
```



